

Abstract

A method, system and apparatus for internetworking a mobile station to operate in a WWAN environment and in a WLAN environment are disclosed. More specifically, a method, system and apparatus for internetworking a mobile station to operate in a WWAN environment and in a WLAN environment with PBX services are disclosed. A switch is provisioned to communicate with a WLAN via IP communication and to communicate with a PBX via a PBX interface. The switch receives mobile station communications via the WLAN. The switch converts the mobile station communications to a format compatible with the PBX interface and forwards the converted communications to the PBX. The PBX receives and handles the converted communications. Under one embodiment, the switch is further provisioned to communicate with a WWAN and the switch analyzes the mobile station communications and determines that the communications address an entity external to a domain of the PBX. In response, the switch requests a TLDN from a MSC serving the WWAN. In response to receiving a TLDN from the MSC, the switch sends a message to the PBX to connect the mobile station call to the specified TLDN. The PBX connects the mobile station call to the specified TLDN. The mobile station may roam during the call and switch to an WWAN air interface protocol. The mobile station reconnects to the call by specifying the TLDN of the call.